

SURVEILLANCE VIDEO AT A GLANCE

Security is a huge concern for today's home and small business owner. With such a bewildering number of system options available, B&H can help you find the perfect solution to fit your needs and budget.

GETTING STARTED A CCTV (Closed Circuit Television) system consists of a camera and monitor. Choose your wire (see the "UTP or Coax" box, opposite) and connect these components. Plug the camera into a power supply. Congratulations! You've just built a CCTV system.

WHAT IF YOU CAN'T ALWAYS WATCH THE CAMERAS? You'll need to record the video stream from the cameras. In the past, special VCR's with time-lapse capability were popular. You'd program them to record so many pictures (or frames) per minute; a lower frame rate allowed more video to fit onto a single VHS tape. Otherwise, recording to VHS tape could get expensive quickly. The trade-off was that more compressed video rendered fewer details, because only a few pictures per minute were recorded. VCR's only recorded one channel of video, too. For multiple cameras, you'd have to connect the VCR to a "mux," or multiplexer, splitting the screen into 4, 9, or 16 segments, one for each camera. Picture detail was almost imperceptible.

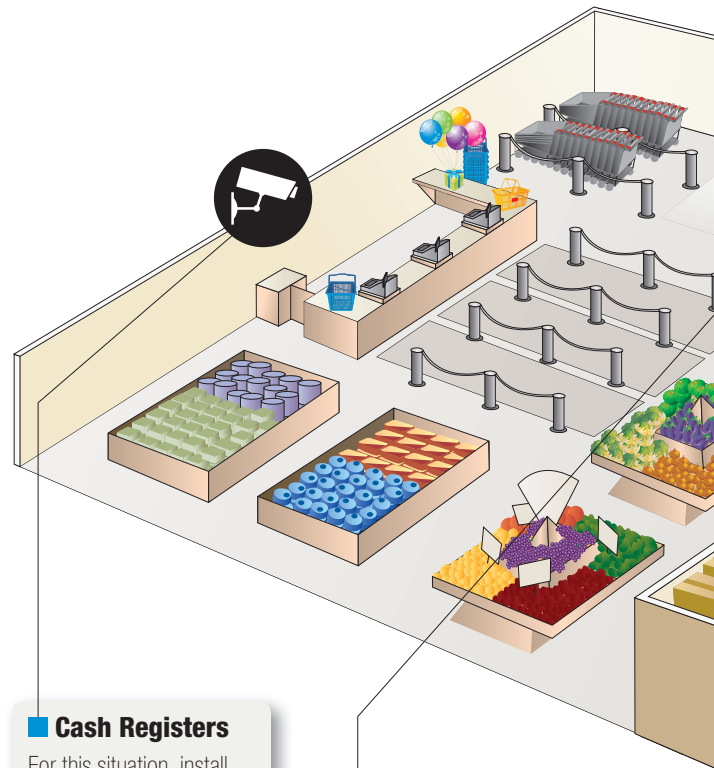
ENTER DVRs Digital Video Recorders (DVR's) were a huge step forward. These are essentially computers that record video to hard drives. Hard drives cost much less than their equivalent in VHS tape, and DVRs can also record multiple cameras. Video storage used to be measured in hours; it's now measured in days, weeks—even months. DVRs use video data processors to compress the video, cramming more video into the same amount of space, storing higher and higher frame rates (FPS or frames per second). 24 FPS is reckoned as "real time." Even 12 FPS seems close to real time. Many security pros use 7.5 FPS as the standard recording rate. Many DVR's have IP connections as well, allowing Internet connectivity via a PC and a router. As of this writing, Mac-compatible DVR's are rare.

THE CAMERAS Choose the right camera. Will it always be dark? Will you need a camera to enhance available light? Outdoor cameras should have infrared illuminators to allow night vision. Will part of the picture be very brightly lit and partly dark? A camera with Wide Dynamic Range (WDR) and dual shutter speeds will take each zone of the picture and expose it properly, allowing you to see a complete image of bright and dark areas.

FIXED VS. PTZ PTZ (Pan Tilt Zoom) cameras allow you to move the camera remotely until it's oriented correctly, and to zoom precisely. These individual cameras are expensive—the price of four or five fixed cameras, typically—so only install a PTZ to cover large, open areas such as parking lots or lobbies.

LONG-TERM ARCHIVING Backing up your data is always a safe bet. Having a great deal of hard-drive space installed on the DVR is a good idea, because you can search for video from the DVR control program. On the other hand, this can become expensive. Another option: back up video to an external hard drive. You will not be able to search using the DVR's search filters, but the data will be protected in case anything destroys the DVR, such as theft, flood, fire, or electrical surges.

A WORD ABOUT PRIVACY Before installing CCTV, check the local laws regarding privacy and recording. Never install video or audio surveillance anywhere there is a reasonable expectation of privacy, such as in bathrooms, locker rooms, changing rooms, medical examination rooms, etc. Never record another person's private property without permission.



Cash Registers

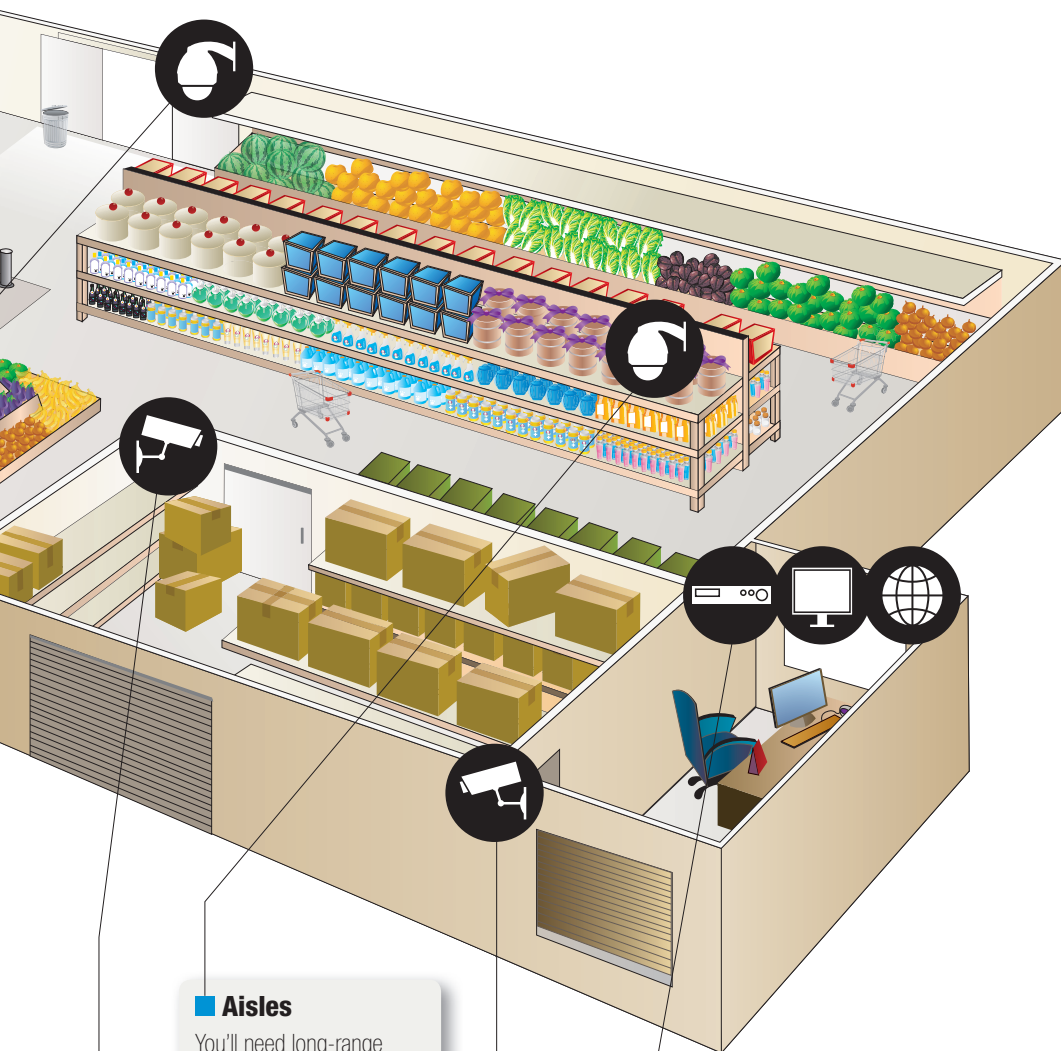
For this situation, install high-resolution, varifocal cameras. Varifocal cameras have adjustable lenses that allow you to get exactly the picture you want—zoom in to get a tight image with lots of detail, or zoom out for a wide overview. Illuminate the area well, but never point a camera directly at a light source.

Entrance

If your storefront is made of glass, the lighting will change over the course of the day. Most cameras will show you a completely washed-out picture. If this happens to you, you need a Wide Dynamic Range (WDR) camera, which lets you view the very dark and very bright parts of the picture simultaneously.

Typical Retail Setup

Selecting the best components is the hardest part of setting up a surveillance system. Not every camera will work for every application. At B&H, we can help you find the right cameras for your specific needs, without breaking the bank. Here, we'll look at a common purpose for surveillance equipment: minding the shop when you can't be around.



■ Aisles

You'll need long-range lenses here. Install cameras on both ends of the aisle, facing each other, for optimal results. This way, you'll minimize dead spots (areas with no video coverage). Face cameras away from light sources.

■ Storage

Many warehouses and storage rooms are lit poorly. To compensate, use a DN, or Day/Night camera, which uses filters and digital processors to enhance available light. A wide-angle lens also allows coverage of more area with fewer cameras. The trade-off is a slight loss in detail and clarity.

■ Recording Options

The DVR, or digital video recorder, is the brain of any CCTV system. Keep the recorder in a dry, cool, safe spot. You'll need high-speed internet access, and a router (not just a modem). Forward the ports on your router to access your cameras from any PC on the planet.

■ Outdoor Cameras

Cameras equipped with infrared illuminators will allow you to see a limited amount in the dark. Cameras will see in black and white when the infrared illuminators come on, so if color is important to you, it's best to have auxiliary lighting.

IP or ANALOG

Which is Right for You?

IP cameras are different from webcams in that they do not need to be connected to a computer in order to work. These cameras have built-in web servers. Giving these cameras their own IP addresses allows you to connect to them over a network like any other server. While each IP camera is, individually, more expensive than any individual analog camera, you do not have to purchase other equipment, such as DVR's, to control the cameras. On the other hand, storage space is a consideration; video storage takes up a lot of hard-drive space, even compressed. If you have the IS infrastructure for a large load on the network, IP cameras may well be the right solution for you.

UTP or COAX

Which Is Best?

- All analog cameras need at least two cables: one for video and one for power.
- Coaxial cable, or RG59, commonly known as 'coax', is the most common wire used to transmit video.
- Coax is expensive, hard to install, and bulky. More and more professional installers are turning to ordinary CAT5, or UTP cable, most often used for computer networks.
- Using NVT's line of video transceivers, you can use existing premise wiring to transmit video.
- A passive transceiver will send video over a single twisted pair. Two passive transceivers will send video 700 feet.
- Using a passive transceiver on the camera end and an active video receiver will send video 3000 feet.
- Using two active, amplified hubs together will allow you to send video 1.5 miles!

Packages & Kits

**Quattro**

Intelligent H.264 Video Monitoring & Recording System

More advanced than motion detection, built-in homeland security technology ensures you don't get dozens of nuisance alerts every time a pet walks in front of the camera. Install the high-resolution mini cameras indoors, outdoors, or both. Keep tabs on multiple locations, even in different time zones. Add as many cameras as you need and manage everything online from one, secure web portal. Automatically stores your event alerts for you on the SmartPortal, so you don't have to store them on your hard drive. If you also want to record video 24/7, like a DVR, just plug in a USB drive. #ARAFKPB04S1.....**999.95**

**LOREX** Digital Wireless LCD Surveillance System

With this package you get two weather resistant and with IR equipped wireless cameras, a 7" LCD monitor and a video recorder built into the monitor. The monitor is designed in the shape of a stylish picture frame so you can put it anywhere. With digital wireless technology you get great looking video and crystal clear sound while minimizing interference and unauthorized reception. Each camera has a microphone, which together with the monitor's integrated speaker offers 2-way voice communication. Video is recorded to an SD card that goes right into the monitor. Set recording to begin at a certain date and time, or only when motion is detected in front of a camera. #LOLW2702.....**314.95**

**Swann** SW233-BDM

Familycam Digital Wireless Camera & Viewer

Keep an eye on your family and property from anywhere in your home. Incorporates 2.4GHz technology to deliver quality video and sound wirelessly from the camera to the 2.36" color LCD from up to 150' away. And with built-in Night Vision, even works in the dark; important when you want to view your sleeping child without disturbing him/her. Incorporates special technology to ensure that the wireless signal isn't disrupted by common household appliances. Use of an encryption process and point-to-point contact between camera and monitor, also prevents video and audio signals from leaking to outside wireless device. #LOLW2702.....**314.95**

**LOREX** Channel Edge + Security Camera System

Includes 4 weatherproof and IR illuminated cameras, cables, stands and power supplies, and a slim 4-channel DVR that can be mounted on a wall or attached directly to the back of an LCD monitor via its VESA mounting holes. In addition to remote Internet access, the DVR lets you view live video feeds using a smart phone device. The DVR uses H.264 compression technology and allows simultaneous viewing, recording, playback, backup and remote control. This DVR includes 500GB SATA HDD, which can be expanded to 2TB. Video can be easily exported to an optional flash memory device connected to the DVR's USB port for backup or transfer purposes. (LOLH324501C4).....**474.95**

**LOREX** 4 Channel Edge + Wireless Camera System

Comes complete with a 4-CH DVR, 2 wireless cameras and all the necessary cables, mounts, and power supplies. The compact and slim DVR can be mounted on a wall or attached directly to the back of an LCD monitor via its VESA mounting holes. In addition to remote Internet access, the DVR lets you view live video feeds using 3G smart phone. DVR uses H.264 compression technology and allows simultaneous viewing, recording, playback, backup and remote control. This DVR ships with a 500GB SATA HDD, which can be expanded to 2TB. Video can be easily exported to an optional flash memory device via DVR's USB port for backup or transfer purposes. (LOLH324501C2).....**639.95**

**mace** Video-to-Go DIY Security Kit

Secure multiple areas in your home or business, quickly and affordably. Includes 4-channel DVR, four weatherproof and IR-equipped cameras, and all the accessories needed to get up and running. The DVR runs on H.264 compression for great looking images while efficiently managing data. The DVR is also equipped with a hexaplexer - meaning it can carry out 8 functions simultaneously. Ethernet connection lets you access cameras and recorded footage anytime and from anywhere over the Internet. You can even choose to view live camera images right on your mobile phone. #MAVIDETOGO.....**399.95**

**4 Channel H.264 DVR Security System**

Complete with a 4 channel DVR, four weatherproof and IR-equipped cameras, power supplies and connecting cables. Access the DVR, to view cameras and recordings, over the web, even use your 3G smart phone. You can also have the DVR send email alerts whenever motion is detected in front of a camera. DVR uses the H.264 compression method to generate quality video images while maximizing hard drive space. 120 FPS are available for distribution among the 4 cameras. Video is recorded to an internal 500GB HDD, which can be expanded to 1.5TB. A USB port means that you can easily back up files to an external USB HDD or flash memory device. (SVCV5024CH00).....**449.95**

**LOREX** PC Digital Wireless Surveillance System

PCI Card DVR with four weatherproof and IR equipped wireless cameras lets you a computer in your home or office to handle the viewing and recording of multiple cameras. View all 4 cameras on the same screen as well as record them simultaneously to the PC's hard drive. H.264 compression is used to capture quality video while keeping file sizes to a minimum. When connected to a network you'll be able to access this system to view camera feeds and recordings anytime and from anywhere over the Internet. You can also set the system to send you an email alert whenever motion is detected by a camera. #LOQLR464WB.....**629.95**

**LOREX** Portable Digital Wireless Monitoring System

Digital wireless technology gives you great looking video images while eliminating interference and unauthorized reception. Built into the camera is a 15' night vision illumination system and microphone, which by picking up sound in the monitoring area will give you a better sense of an occurrence. The handheld monitor delivers crisp video images on its 2.4" color LCD screen, and operates on the included rechargeable battery. For a complete portable solution, you can also power the camera with an optional 9-volt battery. There are also standard A/V outputs on the monitor for viewing images on a standard TV or for recording to a DVR/VCR. #LOLW2002W.....**139.95**

**Solo**

Camera Monitoring and Recording System

Solo combines a high-resolution, indoor/outdoor color camera, DVR, and Homeland Security video technology in a compact, 802.11b/g wireless device. Draw detection zones and schedule Solo to look for people, vehicles and other objects. Keep tabs on multiple locations, even in different time zones. Add as many cameras as you need and manage everything online from one, secure personal web portal. Watch live video from any camera, using any web-connected PC. Automatically stores your event alerts for you on the SmartPortal, so you don't have to store them on your hard drive. Record video 24/7, like a DVR, onto a MicroSD card. #ARAFCA04S1.....**329.95**



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EQ610A Polestar II

Wide Dynamic & True Day/Night Box Style Color Camera

Uses advanced Wide Dynamic Range technology to properly expose scenes containing a mix of bright and dark regions. High resolution of 560 TVL and Day/Night function enhances image visibility during nighttime hours. 3D-Noise Reduction reduces noise in the picture, enhancing image quality and significantly cuts down on storage requirements. Also features built-in motion detection for sensing movement in the scene, and a privacy mask for blocking out private regions of the image such as a window or doorway.

#EVEQ610A194.95



ADC660N

1/3" B/W CCD Camera

580 TV lines of resolution ensure the reproduction of the minutest possible detail. See crystal clear images captured on an effective pixel resolution of 768 x 494, without a squint. Performs equally well at night with light sensitivity of 0.03 lux to capture any activity even under poorly lit conditions. You need not have to be present at the monitoring station to adjust the position of the camera. The independent mode of the camera employs its crystal controlled sync generator to work entirely on its own with the other cameras of your entire surveillance system.

#AMC660N119.95



C10CH6

High-Resolution 1/3" Color CCD Camera



Designed for minimally intrusive surveillance monitoring, the compact C10CH6 brings Pelco-level security monitoring to a home or business. Equipped with a 1/3" CCD it delivers quality images up to 540 lines of resolution—even under challenging lighting conditions. It has a minimum illumination of 0.4 lux and features a host of electronic picture controls including Electronic Shutter, Back Light Compensation, Eclipser Function, AWB, Gamma Correction, and Flickerless Mode.

On-screen menu provides easy access to controls and features like area masking, tilting, pixel correction and preset lighting profiles. Can be powered by either 24v AC and 12 to 15v DC. Accepts CS mount lenses (lens not included). (PEC10CH6)Call



LTC 0485/21

DinonXF Color Camera

High performance camera runs on AC or DC power and incorporates special features for ease of setup and operation. Equipped with a 1/3" image sensor, this compact and rugged camera records 540 lines of resolution and uses 15-bit DSP technology along with a number of advanced electronic controls for consistent performance in various lighting environments. Installs easily, with a user-friendly on-screen display offering quick access to all camera functions. Lens not included, accepts C/CS mount lenses.

#BOLTC048521339.95



ADCSHR2412N

540 TVL Super High Resolution Fixed Camera

Well proportioned at less than 5 inches in length and 2.5 inches in width and height, the camera is also relatively light weight at just 1.3 lbs. Operates in a wide range of temperature from -10 to 50°C, including high humidity of up to 90%. Adjust to various light conditions due to its mechanical infrared filter - without manual adjustments. Provides a resolution of 540 TV lines. In the manual mode, the camera provides AGC (automatic gain control) to assure standard quality images under various light conditions.

#AMCSHR2412N179.95



Ikegami ICD-505

Super Cube DSP Color Camera

Super cube CCTV camera featuring a 1/3" color CCD. The camera's sophisticated digital signal processor technology allows it to reach a high level of sensitivity when compared to conventional surveillance cameras, making it ideal for dimly lit situations. Unique features such as automatic chroma killer and back-light compensation improve upon existing capturing methods by vastly improving image sharpness and luminance.

#IKICD505154.50

Ikegami



A1

Super High Resolution Day/Night WDR Camera

Advanced CCD imager with 600 lines of resolution delivers highly detailed images of the surveillance area. Camera employs a Day/Night function along with WDR and noise reduction technology to help maintain image brightness and clarity in a variety of monitoring environments. Built-in analytics for detecting changes in the surveillance scene such as when an object is introduced or removed from an area. Video analytics can also create a virtual fence, which when crossed will generate an alarm alert.

#SASCCB2335359.95



BC2002-HQ-DNLV

Car License Plate Reading Box Camera

Built-in intelligent shutter (CAR-DC Iris Control) capturing license plate for vehicle speed up to 90mph. Settings: AES ON, AES OFF, 1/100sec, 1/130sec, 1/160sec, 1/210sec, 1/280sec, 1/360sec, 1/420sec, 1/560 sec whenever motion is detected by a camera.

#BOBC2002HQDY219.95



Watec Supreme

Miniature CS Box Camera

One of the world's smallest CS mount cameras at 1.4 x 1.4 x 2.4" and 3.2 ounces, the Watec Supreme uses a 1/2" CCD image sensor to give you super sharp images in extreme conditions. 570 VTL and a staggering 0.0003 Lux, this camera is perfect for specialty applications such as military, law enforcement, scientific and medical or dental applications, or forensic imaging. Includes DC auto iris, internal sync, signal to noise ratio of 46dB, and AGC and BLC controls. Black and white EIA sensor.

#WA902H3SUPRE424.95



WV-CP504 (Super Dynamic 5)

Day/Night/Color Security Camera

Super Dynamic 5 (SD5) image technology achieves exceptional image quality by combining 128x wider dynamic range with 0.1 lux low-light sensitivity, 650 lines of resolution, and the implementation of Adaptive Black Stretch (ABS) technology to compensate for dark areas. Also includes intelligent Video Motion Detection (i-VMD) to capture moving objects without distortion and object detection for items removed or left behind. Built-in Auto Back Focus adjusts the positioning of the CCD to provide accurate focus in both color and B/W modes and reduces post-installation intervention. Offers 24V AC or 12V DC power options. Lens not included.

#PAWVCP504434.95



**VU301-C**

Hi-Res Indoor/Outdoor Night Vision CCD Camera



Camera uses a Sharp CCD with 420 TVL of resolution to deliver clear and bright images of the surveillance area. With its array of built-in IR LEDs, this camera will provide you with visible images (B/W) even in the dark up to 15' away. Thanks to its weatherproof enclosure, you can safely install this camera in an indoor or outdoor location. Built for the outdoors with professional grade housing and a sunshade that helps protect against rust, deterioration and glare. Includes an adjustable mounting bracket and a 60' cable for easy connection to a TV or recorder.

SVU301C **54.95****mace CBV-2812TDN**

Day/Night Bullet Camera with 2.8-12mm Lens



High resolution, super low light sensitive bullet camera. Equipped with Sony ExView CCD and Day/Night switching method this camera is able to produce an high resolution of 560 TVL in the dimmest of lighting conditions. And unlike IR LED enhanced cameras, low light images retain their natural look and are not marred by halos or blooming effects. Weather resistant, you can safely install it in an outdoor location. Also features motion detection, privacy zones,

image flip, and digital noise reduction. Comes as a single unit with integrated camera, lens, and housing, making it easy to install while requiring very little in the way of configuration and adjustments.

MACBV2812TDN **329.95****C420BCIR100**

Dual Voltage IR Bullet Camera



Comes with it with everything needed for proper 24-hour security. Equipped it with a 1/3" Sony CCD (420 TVL) and a powerful IR LED illumination system. When day turns into night these LEDs allow the camera to penetrate the darkness at a distance of up to 100'. Encased in an IP65 approved aluminum housing, which together with the integrated sunshield offers excellent protection from rain, dust, and exposure to sunlight. Cables remain tucked away inside the housing and bracket once the camera is mounted. This lets the camera maintain a neat appearance, and prevents the cables from being cut from the outside.

ARC420BCIR10 **69.95****mace CAM53CIR**

420 TVL Color IR Bullet Camera with Audio



Inexpensive security bullet camera for your home or business. IR illumination provides visible images even in the dark up to 50' away. This level of night vision is in addition to its high image resolution of 420 TVL produced by a Sony 1/3" CCD. Built-in microphone captures sound in the vicinity of the camera giving you greater sense of security. On account of its metal, weather resistant construction and integrated sun shade you can install this camera in an outdoor location where it will remain safe from the effects of weather. Comes with an adjustable mounting bracket for accurate camera positioning.

MACAM53CIR **85.00****SC2400**

2.4GHz Wireless Outdoor Infrared Camera



Combines a small camera with advanced wireless technology (up to 450-ft. line of sight) to provide you with an effective covert camera system that is also easy to install. Weatherproof design and IR illumination means you can safely use it 24/7 in an outdoor location without the need for a housing or extra lighting.

SC2400/IR-Channel 1 (BOSC2400IRCZ) **129.95**# SC2400/IR-Channel 2 (BOSC2400IRCY) **129.95**# SC2400/IR-Channel 3 (BOSC2400IRCO) **129.95**# SC2400/IR-Channel 4 (BOSC2400IRCH) **129.95****EverFocus® EZ430/MV3**

520 TVL IR Bullet Style Weatherproof Color Camera



Compact shape allows easy fit into tight spaces; the slim body of the camera lets you set it up even in those cramped corners without any hassle. Get a clean installation thanks to its cable management system. The 2.9-10mm Vari-Focal lens allows easy surveillance of an entire room from one position.

You can adjust the viewing angle as per your convenience to get the best view. Besides, the motorized lens controller makes precise focal and zoom adjustments a breeze without compromising on the sharpness.

EVEZ430N1 **244.95****EverFocus® EM-C500NHX**

550 TVL Discreet Mini Cylinder Style Color Camera



Ideal for home, retail store, offices, and even outdoors, the EM-C500NHX mini color cylinder camera is a lightweight surveillance camera, which comes in a compact cylindrical shape. With a 3.6 mm lens the camera covers quite a significant area. This IP67 rated camera is protected against most type of

physical contacts and can withstand a water pressure similar to what one would experience till 1 meter of water-depth. Moreover, the operational temperature range of -10 to 45°C makes it an all weather camera tool.

EVMC500NHX **98.95****EverFocus® Polestar EZ550**

Weatherproof IR Bullet Camera with 6-50mm Lens



The Polestar EZ550 offers 560 lines of resolution, true day/night performance and the capability to capture images in complete darkness with super low light technology of 0.002 lux. It has a built-in motorized lens controller for zoom and focus adjustment and vari-focal 6-50 mm lens for an extensive field of view. It features true day/night feature with IR cut filter and IR distance up to 164 feet. Built-in Dynamic Noise Reduction (DNR) for reduced image noise and a 70% saving of disk storage. Built-in heater for low temperature. Cable wires inside housing and bracket eliminate messy wiring and prevent wire damage. Weatherproof IP66 rated and vandal resistant to withstand intentional destruction. # EVEZ550 **369.95**

LOREX® CVC6993R

High Resolution Indoor/Outdoor Color Night Vision Camera



Perfect choice for residential or commercial security applications looking for a CCTV camera that is compact, easy to install, reliable and also affordably priced. With its weatherproof casing and IR illumination, this camera can be installed indoors or outdoors as well as in places with limited lighting. Included with the camera is a 60-ft. extension cable, power supply and mounting bracket, making it quick and easy to install.

LOCVC6993R **76.50****NUVICO® CB-HD2N-L**

EasyView Day/Night IR LED Bullet Camera



Two of the most common issues associated with an outdoor camera are weather conditions and lack of sufficient lighting. With its powerful IR system and weatherproof enclosure, the CB-HD2N-L addresses both of these concerns in a compact and easy to install unit. These attributes serve to complement the camera's excellent image quality generated by a 1/3" color CCD. You'll also appreciate the camera's sophisticated design, an important factor if you plan to integrate it into a modern residential or business environment.

NUCBHD2NL **Call or Log-on**

800-947-1175 | 212-444-6675 Quick Dial: 821

Dome Cameras

NUVICO CD-W21N-I

EasyView Wide Dynamic Range Dome Camera (Ivory)

1/3" CCD delivers 540 lines of resolution, while Wide Dynamic Range camera works wonders for installations plagued by high contrast and harsh backlighting—for example, parking lots and glass enclosed lobbies. Designed with a compact and contemporary look, it easily installs on any flat surface or recessed inside a hard or drop ceiling, right out of the box. You can also choose from a number of accessories if you need to mount it on a wall facing down (CV-WM), on a pedestal (CA-PM), or inside a junction box (CA-JB).



#NUCDW21NI.....Call or Log-on

SANYO VCC-W1072

1/3.3" Color CMOS Super-Mini Dome Camera

The VCC-W1072 has a 3.0mm fixed focal length lens and features resolution of 500 lines in WVGA mode (470 lines in VGA mode) for excellent surveillance video quality. Automatic gain control balances the extremes of signal input common in day-to-day surveillance. WDR (Wide Dynamic Range) technology solves the problem of monitoring windows and doors that have a powerful backlight. The camera also makes a good choice for night-time surveillance with its day and night mode and its ability to work well in very low illumination. Pan range is 360° and it can tilt up to 90°. All this plus electromagnetic and vibration resistance, make this camera a simple but effective addition to your surveillance system. #NUCDW21NI.....Call or Log-on



JVC TKC2201U

Vandal Resistant 1/3" CCD Fixed Dome Camera

High resolution dome camera with exceptional low light capabilities. Through the use of Super LoLux technology, produces identifiable color images in light levels as low as 0.05 lux. In B/W mode the camera is able to boost its sensitivity level even further, to 0.03 lux. Plus, 3DNR function reduces image graininess for low light scenes, further enhancing security performance in dimly lit environments. Other features include a Fine Focus function, and an RCA monitor output. Can be safely installed indoors in areas where vandalism is a concern. The camera's compact form will help it keep a low profile appearance.



#JVTKC2201U.....204.95

EverFocus® ED610/MVB Polestar II

Wide Dynamic & True Day/Night Outdoor Vandal Dome Camera

Offers 560 TVL resolution, Day/Night function and uses advanced Wide Dynamic Range technology to properly expose scenes containing a mix of bright and dark regions. 3D-Noise Reduction further reduces noise in the picture. Built-in motion detection and a privacy mask feature for blocking out private regions of the image such as a window or doorway. Tough, IP66 rated exterior allows installation in an outdoor location where it will remain safe from weather and vandalism. 3-axis hinge mechanism allows the camera inside the dome to be quickly and accurately pointed in the direction you need it to see.



#EVED610MVB.....242.95

PELCO Camclosure IS90CW-V9 Indoor Mini Dome

Full-fledged indoor enclosure with a 504 TVL resolution color camera and 3-9.5mm lens. Camera comes completely assembled and features a unique three-axis positioning which allows it rotate and pan 360° and tilt 140°. Surface-mounted or fixed on recessed (sunken) ceiling, the Camclosure IS90 supports composite video output as well as Unshielded Twisted Pair (UTP) video outputs. The service connector in the enclosure connects the monitor to the camera through the IS-SC service cable for video output. A 4S adapter plate enables electrical box installation. The voltage input with auto-sensing power supply is 24VAC (12VDC) which is ideal for fluorescent lighting condition. Includes clear bubble, a smoked bubble, and a liner.



#PEIS90CWV9.....304.95

EverFocus® EPD200A

Indoor Color Dome Camera with 3.8-9.5mm Varifocal Lens

Mid resolution color dome camera perfect for residential or commercial security applications where cost is a factor. The camera records 380 lines of resolution and uses a host of controls to help maintain image quality in various lighting situations. Included with the camera is a 3.8-9.5mm varifocal lens, which can be manually adjusted for near or distant viewing. Advanced Digital Signal Processing (DSP) maintains video quality in low light and other difficult lighting situations. Lightly smoked dome provides discreet surveillance while minimally affecting light transmission. Operates on AC or DC power.



#EVEPD200A.....75.00

EverFocus® ED350

Varifocal High Resolution

The ED350 records a high color resolution of 520 lines with minimum light requirements just 0.5 lux. The camera uses powerful settings such as 10-bit digital signal processing, AGC, and AWB to enhance picture quality under poor lighting conditions. A built-in 3.8-9.5mm varifocal lens provides easy adjustment for zoom and focus, so you get exactly the shot you want. This camera installs in minutes and is a good choice for low profile, low cost video surveillance for your home or business. Runs on 12 VDC or 24VAC.



Varifocal High Resolution, White Base #EVED350NW.....146.95
Varifocal High Resolution, Black Base #EVED350NB.....146.95

PELCO Camclosure IS90 Indoor Mini Dome

Full-fledged indoor enclosure with a 540 TVL resolution color camera and 3.6mm lens. The camera comes completely assembled and features a unique three-axis positioning which allows 360° rotate and pan and 140° tilt. Capable of being surface-mounted or fixed on recessed (sunken) ceiling, the Camclosure IS90 supports composite video output as well as Unshielded Twisted Pair (UTP) video outputs. The service connector in the enclosure connects the monitor to the camera through the IS-SC service cable for video output. A 4S adapter plate enables electrical box installation. The voltage input with auto-sensing power supply is 24VAC (12VDC) which is ideal for fluorescent lighting condition.



#PEIS90CH36.....214.95

EverFocus® EHD525 Vandal Resistant Dome

High performance dome camera, its rugged construction (can withstand the impact of a 10 pound sledgehammer) makes it especially useful for installation in areas where there is vandalism. It can also be installed outdoors, with its built-in heater keeping internal temperatures at optimum levels. To maintain the best possible image quality day or night, the camera uses an IR cut filter to auto switch from color to an ultra sensitive B/W mode when light levels fall. Integrated 9-22mm varifocal lens is manually adjustable for near or distant viewing. The dome is secured to the base using special tamper-resistant screws. Built in micro switch for alarm trigger. Runs on AC or DC power.



#EVEHD525EX2.....238.95

EverFocus® EHD500IR Color Dome Camera

High resolution of 550 TVL and true Day/Night function, powered by an IR cut filter, to enhance image visibility during nighttime hours. In truly dark situations the camera's LED illumination system is effective to 100'. Tough, IP66 rated exterior allows indoor or outdoor installation where it will remain safe from weather and vandalism. A 3-axis hinge mechanism - adjustable for pan, tilt, and rotation - allows quick and accurate camera orientation. 2.6-11mm varifocal lens enables easy focal length changes, from wide to telephoto, without requiring the camera to be moved. Can be installed on a flat surface or recessed inside a hard or drop ceiling.



#EVEHD500IR.....219.95

LOREX® LNE3003

Wireless, Day/Night Network Camera

Remotely monitor your home, business or vacation home. Great as a Nanny Cam, or to check on your pets. Allows uses a secure, password protected connection that requires no networking knowledge. Simply connect the camera into a router, run the installation CD and you're on their way to see, hear and protect what matters. Features high-resolution viewing, 10x digital zoom and two-way audio. Enhanced MPEG4 compression provides efficient video stream allowing users to monitor real-time surveillance from any Internet connection or by using the iPhone (mobile 3G). Supports Internet Explorer, Firefox, Opera and Safari browsers. Included software gives users the ability to view, record and playback.



LNE3003.....168.95

**AXIS AXM1011**

Network Camera

Small video surveillance unit ideal for discrete monitoring in small offices, restaurants, hotels, shops, and even residences. Easy to install and offers a multiple H.264 stream capability. Has a fixed iris, fixed focus lens (4.4 mm, F2.0) with a horizontal viewing angle of 47°. Offers 640 x 480 to 160 x 120 resolution. In the H.264, Motion JPEG, and MPEG-4 Part 2 compression standard, delivers a frame rate of 30 fps in all resolutions. Image settings that can be customized are compression, color, brightness, sharpness, contrast, white balance, exposure control, exposure zones, backlight compensation, fine tuning of behavior at low light, rotation, text and image overlay, and the privacy mask.



AXM1011.....173.95

**AXIS M1103**

1/4" RGB CMOS chip with SVGA resolution. Supports multiple video streaming in H.264 and MJPEG formats at up to 30fps. Each stream can also be individually adjusted for frame rates and resolution to suit a particular network or storage environment. Pixel counter function calculates the number of pixels contained in a given part of the image, for example a person's face (certain jurisdictions require proof of resolution before an image can be submitted for evidence). Built-in digital PTZ capabilities for enlarging portions of the image and for bringing side objects to the center of the screen so that they can be studied. Receives power via Ethernet cable. Includes CS-mount, fixed 2.8mm focal lens.



AXIS M1103 with 2.8mm lens (#AXM1103).....349.00

AXIS M1113 with 2.9-8.2mm DC Iris Lens (#AXM1113).....449.00

**AXIS AXM1031-W**

Wired/Wireless Network Camera

Smallest and smartest wireless network camera. Ideal for small businesses, boutiques, restaurants, hotels or residences. Offers wireless (IEEE 802.11g) and wired connection to the network for flexible installation. It offers superior video quality in its class at 30 fps in VGA resolution. Multiple H.264, Motion JPEG and MPEG-4 video streams. PIR sensor and illumination LED for detecting movement—even in the dark. It includes a white LED for illuminating the scene automatically at an event or when requested by the user. Two-way audio communication with integrated mic and speaker. Advanced security and network management features such as HTTPS encryption with preserved performance, IPv6 and Quality of Service.



AXM1031W.....Call or Log-on

**AXIS M1104**

Steps up from the AXIS M1103 with a 1/4" CMOS chip with 1 MP resolution to generate outstanding quality video images of the surveillance area with a high degree of sharpness and color fidelity. Progressive scan technology ensures smooth image capture for scenes with fast moving objects without the problems of motion blur. Provides excellent image quality without motion blur using progressive scan at 30 frames per second in 1 megapixel or HDTV 720p resolution.



Axis M1104 with 2.8mm lens (#AXM1104).....449.00

AXIS M1114 with 2.9-8.2mm DC Iris Lens (#AXM1114).....549.00

Panasonic BL-C210 Internet Security Camera

Offers true plug-n-play remote monitoring of your home or business in a small and eye-pleasing design. Simply log on to any Internet PC or mobile device to view full motion video as well as to control the camera's pan, tilt, and zoom functions. Video is captured using H.264 compression. Sophisticated motion detection system ensures only important events are captured. In addition, its Triple Sensor function can sense body heat and sound in the surveillance area. To minimize false alarms, you can set each sensor to operate individually or program all sensors to be on at the same time. Upon sensing activity, the camera will send an email alert along with an attached image of the scene to your PC or mobile device. Images can also be sent to a Panasonic VIERA CAST enabled TV.



PABL210.....168.95

**ACTi ACM-5711N**

To confront poor or challenging lighting situations, the camera has a Sens-Up function that electronically brightens the image without introducing significant noise to the picture. SuperHAD CCD sensor, efficiently deals with the smearing problems associated with points of light in an otherwise dark image. Selectable MPEG-4/MJPEG encoding modes gives you tighter



control over the data distribution process. Attach a microphone and speaker of your choice to the back of the camera and you'll be able to hear and speak with a person at the camera location over the network. Also features audio and alarm I/O ports; a built-in motion detector; and an analog output for hybrid operation. Analog BNC output means that the camera can be used as a conventional security camera at the same time it is transmitting digitally over the network.

ACACM5711N.....394.95

**ACTi ACM-3311N**

IP IR 3-inch Dome Camera

1/3" Sony SuperHAD CCD generates clean video images with superior brightness and sharpness. In supporting roles are a number of built-in electronic controls serving to combat challenging lighting situations and to improve overall security. This level of performance coupled with the camera's compact profile makes it suitable for a wide range of commercial surveillance applications. Attach a microphone and speaker of your choice to the back of the camera and you'll be able to hear and speak with a person at the camera location over the network.



ACACM3311N.....349.95

**ACTi ACM-1431N**

MPEG-4 Outdoor IP IR Bullet Camera

High performance IP camera, perfectly well suited for even demanding security environments. Sony SuperHAD CCD provides clean and bright pictures. MPEG-4 compression format for better data management. IR illumination system so you can see in the dark. With its IP66 rated aluminum enclosure and integrated sunshade, you can safely install the camera in an indoor or outdoor location without the need for an additional camera housing. For night viewing, the camera packs two punches; an array of built-in IR LEDs plus a mechanical IR cut filter system. With both Ethernet and BNC connectors, you can take advantage of the latest in network technology without severing yourself from the analog world.



ACACM1431N.....599.95

800-947-1175 | 212-444-6675 Quick Dial: 821

IP Cameras

SANYO VCC-HD3100

Captures 1080p HD video at full 30 IPS frame rates for crisp and clear images of the surveillance area. A high resolution camera not only translates into enhanced security for critical surveillance environments, but also cuts down on the total number of cameras needed to cover a given location. Video is captured using H.264 compression, plus it supports MJPEG compression at an even higher resolution of 4 megapixels (2288 x 1712). Dual-stream technology allows both H.264 and MJPEG data to be outputted at the same time at full 30 FPS for each stream. A durable, IP66 rated enclosure shields the camera from weather and vandalism, allowing safe camera installation in an indoor or outdoor location.



VCC-HD3100 (# SAVDCHD3100) **\$29.95**
VCC-HD3500 (# SAVDCHD3500) **\$79.95**

Canon VB-C60

Wide Angle PTZ Network Camera

With its 56° wide angle lens, 40x optical zoom, and versatile PTZ mechanism, the VB-C60 is the ultimate tool when you need a single camera to provide maximum coverage of an area. Install it upright on a desk or hanging from a ceiling. Features 1/4" CCD with a primary color filter. Image quality is further enhanced through extensive electronic controls including a selectable white balance function to ensure proper color temperatures, and a smart shade control to overcome high contrast and backlit scenes. True Day/Night function powered by an IR cut filter improves image brightness during nighttime hours.



#CAVBC60.....**1356.95**

**AXIS P1343-E**

The AXIS P1343-E comes packaged with an IP66 rated housing and is ready for outdoor installation in rain or shine. Along with Day/Night functionality, this camera uses an array of electronic picture controls to help maintain image visibility in poor or challenging lighting environments. This camera also employs wide dynamic range technology to compensate for high contrast and backlit scenes. Supports multiple video

streaming using H.264 or MJPEG compression schemes. Each video stream can be individually adjusted for frame rates and bandwidth to suit a particular network structure. An SD/SDHC memory card slot allows images to be stored right on the camera. In addition to motion and audio detection, this camera has the ability to sense if the lens is blocked, spray painted or otherwise tampered with.

#AXP1343E.....**949.00**

**AXIS Q6032-E**

PTZ Dome Network Camera

Delivers advanced PTZ functionality while offering outstanding weather protection. With its IP66 rated enclosure and -40°F (-40°C) cold tolerance, its the ideal camera for securing outdoor public areas such as airports, sea-ports, and city perimeters. Motorized 35x optical zoom combined with 12x digital zoom, can render license plates visible from 525-ft. away. 20° upward tilt for viewing over uneven terrain. Auto-tracking feature enables the camera to lock onto an object and follow it as it moves across the camera's threshold. Electronic image stabilization prevents image blurriness caused by vibrating conditions.



#AXQ6032E.....**2945.00**

**AXIS P5534**

Camera with Outdoor T95A10 Housing



Delivers advanced PTZ functionality while offering excellent protection from the weather. The camera uses a progressive scan CCD with 1.3 megapixels to generate HD quality video. Simultaneous H.264/MJPEG streaming offers greater versatility in the data distribution process.

Day/Night function ensures images remain visible even in very dimly lit scenes (0.004 lux). Offers an 18x optical zoom and supports simulated

360° continuous panning. SD/SDHC card slot lets you record images right on the camera. Housing is constructed of a sturdy aluminum material and uses a built-in heater and blower system to keep the camera protected in extreme temperature conditions. Includes clear and smoked bubble.

#AXP5534T95A0.....**3149.00**

SANYO VCC-HD2100

Capture 1080p HD video at full 30 IPS frame rates for crisp and clear images of the surveillance area. A high resolution camera not only translates into enhanced security for critical surveillance environments, but also cuts down on the total number of cameras needed to cover a given location. Video is captured using .264 compression, plus it supports MJPEG compression at an even higher resolution of 4 megapixels (2288 x 1712). Dual-stream technology allows both H.264 and MJPEG data to be outputted at the same time at 30 fps for each stream. Small form for added discreetness and for easy pairing with an outdoor housing. Focus Assist Drive, for easy installation. Mount the camera, push the button and allow the camera to do the rest.



VCC-HD2100 (# SAVCCHD2100).....**444.95**
VCC-HD2500 (# SAVCCHD2500).....**711.00**

Panasonic WV-NS202 Network PTZ Dome Camera

Excellent choice for commercial applications requiring a high resolution dome camera with motorized PTZ operation that can be accessed for viewing and control over a network. High-end electronic controls include an SDIII system to ensure properly exposed and superbly detailed images in all types of installation environments. For maximum network versatility, supports simultaneous dual stream MPEG-4 and MJPEG transmission, allowing a user to view live images in the innovative MPEG-4 format while recording is taking place in the higher resolution MJPEG format. Includes a removable discreet liner, which can be used to cover the camera while keeping the lens viewing area clear.



#PAWVNS202A.....**999.95**

**AXIS P1346-E**

Stepping up, the AXIS P1346-E features a 3-megapixel CMOS sensor to capture the surveillance scene with superior sharpness and color fidelity. It also supports the unique precise iris control, P-Iris, which enables higher contrast, clarity, resolution and better depth of field. Support for DC-iris ensures backward compatibility. The multi-view streaming function allows separate video streams of zoomed-in sections, at the same time as a downscaled full overview image.

#AXP1346E.....**1449.00**

**Q1910**

Thermal Network Camera (Indoor)

Converts thermal radiation to images. Without needing any visible light, it can detect objects or people in complete darkness including conditions such as smoke, haze, dust, and light fog. With an uncooled micro bolometer image sensor and a resolution of 160 x 128, the camera displays bright and intense color images to help distinguish details in the scene. Supports multiple H.264 streams and M-JPEG. Also allows you to scale up the images up to 720 x 57 as well VGA resolutions. Built-in support for pan/tilt heads using the Pelco-D protocol. It includes image setting features such as privacy masking, exposure control, mirroring of images, text and image overlay, and brightness.



#AXQ1910.....**2899.00**

**AXIS M1054**

Well suited for use in small businesses, boutiques, restaurants, hotels, or residences, the camera delivers advanced network functionality while retaining a stylish and discreet appearance. Utilizing a 1/4" CMOS with over 1 million pixels, this camera generates quality video images with a high degree of sharpness and color fidelity. Video can be streamed simultaneously in the H.264 and MJPEG compression formats. Features a built-in PIR function which can detect movement even in the dark. There's also an integrated white LED light for illuminating dimly lit surveillance scenes. A built-in microphone and speaker allow remote audio monitoring as well as 2-way voice communication over the network. Alarm I/O ports allow the use of external triggering devices.



#AXM1054.....**389.00**

EverFocus® ECOR4D 4-Channel Compact DVR

Compact 4-channel DVR with pentaplex operation that can record, playback, set up, back up, and network simultaneously. It has a unique graphical user interface which lets you perform specific tasks

using its menu icons and other graphical operators. Operating on an embedded Linux OS, you can use a mouse to access the menu to control all the 4 PTZ cameras individually (has 2 USB ports - one for data archival and the other for the mouse). Other controls include handheld infrared remote, front panel keys, or an optional EKB500 keyboard. Supports internal hard drive up to 1TB. It allows real time display of recordings and has an easy searching option to track down.



EVECOR4D250.....**339.95**

EverFocus® ECOR264 4-Ch. Compact DVR with DVD Burner

Easy to use GUI can be accessed via the included mouse, remote control, or using an optional EKB500 keyboard controller, in addition to the DVR's intuitive on-board controls. For video compression, uses H.264 - a codec uniquely capable of generating quality video images while maximizing storage and network resources. On account of its built-in multiplexer, this DVR can be used to simultaneously view, record, playback, archive and remotely access all 4 cameras. Also supports 3GPP mobile monitoring, in addition to standard web browser access. Recording can be continuous or set to begin at a certain date and time or when motion is detected by a camera. A built-in calculator helps you configure frame rate and resolution parameters in relation to available storage space.



EVECOR2644DQ.....**354.95**

AVerMedia® EH5108+ 8-CH Hybrid Video Surveillance DVR

Record 8 analog cameras directly, or 8 IP cameras over the network, or any combination of the two for a total of 8 channels. Supports megapixel cameras; up to 2.3 MP for channels 1-7, and up to 5 MP for channel 8. The DVR uses Linux OS for stable performance, and offers a user-friendly GUI to enhance the user experience. Also has front panel controls, and a built-in DVD burner.

Video can be captured using H.264, MJPEG or MPEG4 for efficient data management in the recording and reviewing process. A total of 240 frame rates are available for distribution among the 8 channels. When connected to a network, the DVR can be accessed for viewing, recording, and PTZ control from an Internet PC or compatible cell phone or PDA device.



AVNEH5108PL.....**1099.95**

Rear View Safety Inc Omnikine**4 Channel Mini Mobile DVR**

Ultra slim and compact DVR ideal for mobile surveillance or for any installation where space is at a premium. Can simultaneously record and play back images from 4 analog cameras. Video is recorded in M-JPEG format at 60 FPS for the combined channels. For storage, the DVR accepts a single internal 2.5" SATA HDD. A USB port makes it easy to backup files to an external HDD or flash memory device. Recording can be continuous or set to begin when motion is detected by a camera. This will make it easy to locate event footage and at the same time saves on storage space. Each video channel is paired with an audio input for recording sound along with images.



RERSV870.....**319.00**

PELCO DX4104 4-Channel 250GB Digital Video Recorder

Advanced recording functionality in an affordable and low profile (2.1" high) DVR unit. Uses H.264 compression to preserve storage. A user-friendly GUI offers easy accessibility to all system functions. Up to 100 DX4104 units can be interconnected on a network. Supports a recording rate of 120 FPS across the 4 channels at 704 x 480 resolution, resulting in smooth video playback for each camera input with every frame accounted for. Recording can be continuous or based on an event such as an alarm or motion. A camera can also be set to record based on multiple events (a combination of normal, alarm, and motion). Each camera's frame rates and resolution can also be independently adjusted based on that particular camera's importance within the surveillance scheme.



PEDX4104250.....**675.00**

EverFocus® ECOR8D 8-Channel DVR

Use to manage viewing, recording, playback, and archiving of up to 8 analog CCTV cameras, locally and from a remote Internet location. Video is captured via MPEG-4 at up to 240 FPS for the combined channels. User friendly GUI can be accessed via front panel controls or from a distance using the included IR remote. DVR functions can also be accessed using an optional USB mouse or CCTV keyboard. Has a built-in DVD burner, plus video can also be exported to an external USB drive connected to the DVR's USB port. There are 8 alarm inputs and 1 relay output for interfacing the DVR with external alarm devices and relay sensors. A built-in warning system will generate an alert upon fan failure, HDD temp, HDD full, video loss, motion and alarm detection.



EVECOR8D500.....**578.95**

EverFocus® ECOR4F 4-Channel Compact DVR (250GB)

Use to manage viewing, recording, playback, and archiving of up to 4 analog CCTV cameras, locally and from a remote Internet location. Video is captured using MPEG-4 format at up to 120 FPS for the combined channels. User friendly GUI can be accessed via front panel controls or supplied IR remote control. DVR functions can also be accessed using an optional USB mouse or CCTV keyboard. Video can also be exported to an external USB drive connected to the DVR's USB port. There are also 4 alarm inputs and 1 relay output for interfacing the DVR with external alarm devices and relay sensors. A built-in warning system will generate an alert upon fan failure, HDD temp, HDD full, video loss, motion and alarm detection.



EVECOR4F250.....**Call or Log-on**

AVerMedia® EH5216+ Hybrid Video Surveillance DVR

High quality DVR solution compatible with both analog and a wide range of IP cameras with as many as 16 channels. It is ideal for retail chain shops or small/medium sized stores.

Linux OS coupled with a full fledged Graphic User Interface (GUI) provides easy access to all 16 cameras and handles up to 32 accounts with personal settings for each user. You can individually adjust frame rates and resolution for each channel as per the security levels of each area. The DVR can detect motion while recording and can trigger an event at the same time.



AVNEH5216P.....**1274.95**

LOREX® Edge + 4-Channel Pentaplex Network DVR

Compact and slim DVR that can be mounted on a wall or attached directly to the back of an LCD monitor. In addition to web access, you can connect using 3G smart phone. This DVR uses H.264 compression technology to capture great looking images while preserving storage and network resources. Built-in pentaplexer allows simultaneous viewing, recording, playback, backup and remote control. Ships with a 500GB SATA HDD, which can be expanded to 2TB. Video can be exported to a flash memory device via USB port. Video is recorded at up to 120 FPS (at 640 x 240 NTSC) for the combined channels. A DVI monitor port will let you output high quality video at up to 1280 x 1024 resolution. HDMI output is also supported.



LOLH324501.....**334.95**

BOLIDE TECHNOLOGY GROUP BBE-PVR/2.5 Portable Digital A/V Recorder

Ideal for domestic surveillance, the recorder features a built-in rechargeable battery and a 2.5-inch LCD display, and all the basic requirements of a DVR along with some of the latest features of high-end gadgets. The recorder also offers features such as a time stamp function and offers recording 640 x 480 @ 30 fps giving attention to minute details in the camera field. Stores video in MP4 format which maximizes the internal memory. It also ensures high-quality video storage. Easy to use as it features one-push stop/record functionality. Uses a direct current of 12V and provides a 100mA current to the camera attached thus eliminating the need for an external source of power for the camera



BOBEPVR25.....**359.95**

800-947-1175 | 212-444-6675 Quick Dial: 821

Digital Video Recorders (DVRs)

AVerMedia SA6832E RACK

Record video and audio from up to 32 analog and IP cameras. H.264 compression is used to maintain quality video images while maximizing storage. A total of 960 fps are available for distribution among the 32 channels. This translates into a real time recording speed of 30 fps for each video channel. Also available for each camera channel is POS functionality. POS is the ability to insert into the video text received from a cash register, cash machine, credit card processor, and similar Point of Sale device. This will allow the record of a monetary transaction to be matched up with an image that occurred at the same time. A built-in DVD-RW allows quick and easy export of event footage to an optical disc for transfer or archiving purposes. Features quiet fan operation, and can be rack mounted in a standard 19" rack chassis.



AVNVA6832R3199.00

Panasonic WJ-RT416/1000 16-Channel 1TB DVR

High performance DVR designed with an emphasis on providing the best possible image quality while conserving storage and network resources. Video is recorded in MPEG-4 com format at up to 30 IPS per channel. This degree of resolution and frame rates greatly enhances the ability to closely identify people and objects, making this DVR an essential tool for use in critical security applications such as banks, shopping and financial centers, and government facilities.



WJ-RT416/1000 16-Channel 1TB DVR (#PAWJRT416100)4599.95

WJ-RT416/2000V 16-Channel 2TB DVR (#PAWJRT416200)5899.95

WJ-RT416/3000V 16-Channel 3TB DVR (#PAWJRT416300)6699.95

PELCO DVR5100 16-Channel 4TB Hybrid Video Recorder

Record 16 analog CCTV cameras directly plus an additional 4 IP cameras over the network. Capable of recording at a combined 600 / 500 ips, the recorder offers CIF / 2CIF / 4CIF resolution, programmable on a per-input basis. 16 BNC connectors are provided for video inputs with a high impedance or 75 ohm termination (software controlled). Endura system integration offers better operational flexibility and management with greater control, especially while scaling up/expanding the IP surveillance system. Configure, program, and control the video recorder through front panel controls, the USB keyboard / mouse, KBD5000 (optional USB keyboard with joystick, jog shuttle, and keypad modules), or remote client. PTZ can be controlled through Coaxitron, Pelco D, or Pelco P protocols. Built-in storage estimator and automatic camera configuration options help in easy programming of the DVR.



PEDVR5116DQ47995.00

PELCO Endura DVR5300

Digital Video Recorder System

The DVR5348 is part of the Endura DVR5300 Digital Video Recorder System series and can be used to record video and audio streams from up to 48 IP cameras over a network. It can also receive IP streams from analog cameras connected to Endura compatible encoders or to ENC5300 series USB multichannel video encoders. The ENC5300 series encoders are specifically designed to work with this DVR5300 series of DVRs and are available in 8 or 16 channel configurations. Up to three ENC5300 encoders can be connected to a single DVR5300 recorder in any combination.



#PEDVR534860020,150.00

SAMSUNG SHR-8160

16-Channel Real-Time Standalone DVR

Supports a 480 IPS recording speed across all 16 channels. This translates into a full 30 IPS recording speed for each camera input. Real-time recording is important for monitoring store entrances, cash registers, or gaming tables. Dual codec feature allows simultaneous recording and playback without the need to lower the frame rates. Video can also be simultaneously outputted through BNC and VGA, or through BNC and HDMI. Doesn't ship with any drives, but will accept up to six 1TB internal HDDs. Bundled Net-I client software program allows the DVR to be remotely accessed over the network for viewing live and recorded images.



SASHR81602895.00

Panasonic WJHD6161000

16-Channel H.264 Digital Disk Recorder

Combines the H.264 codec with Panasonic's UniPhier proprietary System LSI platform to generate quality video images while keeping file sizes to a minimum. Features 16 video inputs, 8 of which can also be used for coaxial PTZ camera control.



Video is captured up to 240 ips for the combined 16 channels. Video playback is possible at up to 960 ips on two separate monitors via BNC outputs. Video can also be outputted through the two HDMI ports at 1080i per monitor. 4 front-accessible HDD bays provide ample storage space. Add an optional RAID card, and a RAID configuration can be applied to multiple HDDs for fail-safe, redundant recording.

PAWJHD6161004550.00

PELCO DX8100

32-Channel 1TB Digital Video Recorder with MUX & Audio

Backwards compatible with DX8000 DVRs and is expandable to meet the future security needs of growing commercial enterprises. Optional add-ons are available for increasing camera channels (for 8/24 models), for adding audio capabilities, for adding multiplexing output capabilities, and for increasing the DVR's memory. Storage can also be expanded by installing additional internal hard drives or by attaching an external Pelco hard drive array. Alternatively, the external HDD array can be configured as a RAID solution to enable redundant recording. There is also an optional module for interfacing this DVR with ATM and POS devices.



PEDX8132100Z11,235.00

PELCO Endura DVR5324

Digital Video Recorder System

The DVR5324 is part of the Endura DVR5300 DVR System series and can be used to record video and audio streams from up to 24 IP cameras over a network. It can also receive IP streams from analog cameras connected to Endura compatible encoders or to ENC5300 series USB multichannel video encoders. Recorded video can be viewed, played back, and controlled from any Endura viewing system such as the WS5000, VCD5000, or NET5301R decoder. Ships with internal storage drives that are pre-configured for RAID 5 operation. EnduraStor technology maximizes storage and network efficiency.



#PEDVR532445014,800.00

AMERICAN DYNAMICS ADD600ULP100

480fps recording speed translates into 30 ips full motion video for each of the 16 channels. Text can be received from an ATM machine, credit card processor, or similar POS (Point of Sale) device to be recorded in tandem with the video. Video analysis tools candetect the size, speed, direction, or motion of an object in the picture. Setting the DVR to record only along these parameters, makes it easy to find event footage. 2 gigabit Ethernet connectors provide the necessary speed for interfacing the DVR with the network. Front-accessible, swappable 3.5 inch hard drive bays allow an HDD to be quickly removed for transfer or archiving purposes.



#AMD600ULP1008600.00

EverFocus Paragon 264 DVR

Outputs HD (1080i) video through its HDMI port, allowing images to be viewed in full screen on an HD monitor with a high degree of sharpness and color fidelity. Uses H.264 compression. Can be used to simultaneously view, record, playback, archive and remotely access all 16 cameras. Supports 3GPP mobile monitoring, in addition to standard web browser access.



Video is recorded at 480 FPS across the 16 channels, resulting in smooth video playback for each camera input with every frame accounted for. Recording can be continuous or set to begin at a certain date and time or when motion is detected by a camera. This makes it easy to locate event material and at the same time saves on hard drive space.

EVEPARA2641Q2599.95

LOREX 4-Port H.264 PCI DVR Card

4-channel DVR card that installs in a PCI slot on a Windows computer. With this card in place you'll be able to view 4 cameras at once on the computer screen as well as record them simultaneously to the PC's hard drive. Comes with free Lorex DDNS service so you can easily access the DVR over the web to view live camera feeds and to change system parameters. H.264 video compression maximizes recording time. Digital recording of live video to PC's hard drive.

#LOQLR460.....**74.95**

AVERMEDIA NV3000 Hybrid Capture Card

Compatible with both CCTV/analog and IP cameras, the NV3000 can record at 30 fps, comes with a 4-channel video input and a 1-channel audio input. Making use of advanced MPEG4 coding, the NV3000 offers superior image quality that allows for detailed surveillance. The capture card also supports video encryption for improved data security and you can create a remote backup of your video surveillance data.

#AVNVNDV3000.....**114.95**

AVERMEDIA NV7240 Hybrid DVR PCI Card

Facilitates live remote surveillance of different locations through standard Web browsers. The built-in PDAViewer, JavaViewer, and SmartViewer applications enable mobile device monitoring. The Center Management System feature allows connection of up to 1000 DVRs, thus enabling you to centralize the management of your surveillance systems. It supports all stationary and PTZ cameras, IP and analog, with a resolution of up to 1920x1200 (widescreen).

#AVNV7240C08.....**529.95**

AVERMEDIA NV7480C16

16-Channel Hybrid Windows Capture Card

Uses hardware MPEG4 compression to reduce the load on the host PC while increasing network transmission speeds. Supports 16 video channels (480 FPS are available) which can be a mix of analog and IP cameras in any combination. When connected to a network this DVR can be accessed for viewing, recording, PTZ control, and alarm management from the web or compatible cell phone.

#AVNV7480C16.....**629.95**

AVERMEDIA Hybrid DVR Card

Uses the PCI Express-4x technology to process large volumes of video data for meticulous surveillance. The DVR card offers intuitive video intelligence features, powerful visual and search features, remote and alarm management, and seamless network integration. With up to 1280 x 960 live video resolution, the Hybrid DVR Card offers D1 resolution with real-time frame-rates of up to 480 fps and its dual-monitor output allows video to be viewed on 2 monitors.

#AVNV8416EX4.....**1149.95**

PANASONIC WJ-ND400/2000 64-Channel NVR

Combines unsurpassed clarity and functionality by utilizing MPEG-4/JPEG core technology and 2TB hard disc capacity with RAID expandability. It offers the ability to simultaneously record up to 64 (Megapixel i-Pro) network cameras at an amazing 200Mbps. This NVR's advanced codec and remote capabilities meet the high demands of high profile CCTV surveillance operations in transportation hubs, retail, law enforcement agencies, hospitals, and casinos. Selectable recording modes/compression schemes enable the recorder to prioritize recording between high risk and low risk areas.

Features an embedded real-time operating system, multi-screen display, VMD Search, flexible playback controls, 9 HDD bay slots, digital zoom on live or recorded video, alarm/event recording modes, motion detection, e-mail notification upon alarm or warning, simultaneous remote accessibility up to 16 users, GUI setup PTZ control, front-panel operation, and rack mounting capabilities. (PAWJND400200)...**8450.00**

**QNAP Network Video Recorder (4-Channel)**

Enables remote surveillance and recording. Supporting real-time remote monitoring, video recording, and playback from network cameras, the NVR is suitable for places like small and medium-size businesses or small/home offices. Supports H.264, MPEG-4, and M-JPEG recording formats and a storage capacity of up to 1 TB which is expandable to 2 TB via external eSATA device. With features like Live Video Monitoring, Digital Zoom, Pre- and Post-alarm recording, and Preset Position Control and Auto Cruising, the unit delivers high-quality surveillance.

- For live video monitoring, supports different video modes - 1/ 4/ 6/ 8/ 9/ 10/ 12/ 16/ 20/ 25/ 36/ 42-channel and sequential display mode, exclusive Picture-in-Picture mode, and multi-display mode.
- Allows you to change the display order of the monitoring channels - you just need to select the IP cameras on the drop down menu or drag and drop them.
- Different preset positions of the camera can be viewed, using the number buttons on the monitor page. With the auto cruising feature, the PTZ cameras can be configured to cruise according to the preset positions and the staying time set for each preset position.

#QNNVR104P
499.00

**D-LINK SecureCenter**

2-Bay Network Video Recorder (NVR) Pro Edition

View, record, and playback up to 4 IP cameras. Video is recorded using MPEG-4, M-JPEG compression at speeds up to 120 FPS for the combined channels, resulting in smooth video playback for each camera feed with every frame accounted for. Can accept two internal SATA HDDs for a total of 3TB of storage capacity. For fail safe, redundant operation, a RAID 1 configuration can be applied to the two drives. Comprehensive graphical user interface (GUI) simplifies all system processes - from the way cameras are organized, to alarm management tools, to archiving functions. Cameras can be viewed in full screen along with 2-way audio. Recorded material can be enhanced for brightness and sharpness. Video can be exported in the AVI file format to ensure playback on virtually any PC. Video can also be exported in the ASF format with a time and date stamp to preserve its legal integrity. A still image can also be outputted to a printer connected to the user's PC.

#DLDNS7264.....**839.95**

**JVC VR-N1600U150**

16-channel Network Video Recorder (NVR)

Features reliability, usability and scalability - an integrator's dream come true. The VR-N1600U150 can be used in a large surveillance system, but is easy enough to use and manage to be installed in small-to-medium applications as well. Comes pre-installed with industry-leading Milestone XProtect Enterprise which provides advanced functionality in a well designed Graphical User Interface (GUI) that allows for all users to be using advanced features with minimal training. The front panel provides easy to use controls including a jog shuttle and VCR-like buttons. Records up to 160 ips (images per second) at VGA quality, and the video can be exported via one of the USB 2.0 ports to an external DVD drive. Additionally, the unit supports Network Attached Storage (NAS) and secured data backup with RAID. It also easily integrates with an external system such as access control systems, POS systems or ATM systems. (JVRN1600U15).....**7399.95**

**DOTWORKZ "Bay of Plenty" IP Recorder**

This 5TB 2RU high system can be used to manage the viewing and recording of multiple IP cameras over a network. This unit comes pre-installed with Windows 2008 Server, and with the addition of a recording program of your choice becomes a fully functional network recorder. Free 30-day trial surveillance software is included from ONSSI, Sony, Axis and Milestone XProtect product lines. In addition to its Intel Quad-Core Xeon processor, it features 4GB of RAM, 5TB of storage, and a generous number of PCI slots for expandability. For video storage, it comes installed with five 1TB HDDs which can be removed or replaced without having to first power down the unit (hot-swappable). An on-board RAID controller enables multiple drives to be configured as a RAID array so that in the event that one HDD fails its information can be retrieved from another functioning drive. Also has the ability to auto restart and to auto log in following a power failure. A built-in CD burner makes it easy to offload event material to an optical disc. (DONVR5TBOP).....**8199.00**



GPS TRACKING KEY PRO

Pocket-sized vehicle-tracking device that constantly receives signal from 24 Department of Defense satellites and determines the location at every 2.5m. The unit records time of departure, speeds traveled, time of arrival along with addresses, and duration of stops, storing every second of travel activity up to 100 hours in the non-volatile flash memory.



#LATKP **Call or Log-on**

GPS TRACKING KEY

Small, pocket sized device that receives signals from Department of Defense satellites. The internal computer accurately determines the location of the device within 2.5 meters and records this data every second. Included software lets you accurately determine where a person traveled, how fast they drove, where they stopped and for how long. Recorded data can be displayed over a street map or in a text report.



#LATK **\$246.95**

WIRELESS HOME SECURITY SYSTEM

Protect your home or office with the simple and affordable system. Consists of a main unit plus a wireless door/window sensor, a wireless motion detector and a remote control unit with a panic button.



#MA80355 **\$69.95**

ALL-IN-ONE PROXIMITY KEYPAD LOCKSET

Single unit proximity keypad lockset system with a proximity reader, keypad, and lock for standalone keyless entry applications. Its mounting template makes it easy to install, and requires no wiring or door frame cutting; it offers a cost effective solution for locally managed access control for office doors with standard cylindrical locksets.



#MAAC874583 **\$369.95**

RVS-770613**Rear View Camera System**

Prevent unnecessary accidents while backing up. The RVS-770613 f is recommended for any vehicle that frequently backs up without the aid of a rear view mirror. These can include package delivery vans or trucks, school buses, tractor trailers and airport shuttle buses. The system consists of a camera that installs on the rear of the vehicle and a 7" color LCD monitor placed inside the vehicle where the driver can easily see it. The system also includes a 3-channel multiplexer that provides connectivity for additional cameras or a DVD player.

**Rear View Safety Inc**

#RERSV770613 **\$229.95**

7" LCD COLOR DOOR INTERCOM SYSTEM

System includes a pinhole camera that easily mounts in your doorway. Camera has infrared night vision, switching to B&W and allowing you to see short distances in low light. Camera connects to the 7-inch monitor via 50 ft. cable. See AND talk to your visitors as this unit is a two-way intercom.



#SWSW347DV7 **\$244.95**

DVR-421 PEN CAMERA**Mini Video Camera & Recorder**

Inside this stylish ball point pen is a camera that records quality color video to a built-in 2GB memory stick. Instantly switch from recording 640 x 480 video to recording 1280 x 960 still shots. When you're done simply plug the pen into your PC's USB port for viewing images and uploading video. USB port is also used to recharge the internal battery, which lasts up to 90 minutes.



#SWSW234PC2 **\$24.99**

DVR-470**OutbackCam Camera & Video Recorder**

Perfect when you need to covertly monitor rural locations such as fields, forests, yards, or farms. Camera and recorder come encased in a lockable enclosure that is resistant to weather and won't rust. A built-in IR illumination system means you'll get to see images even in the dark up to 32' feet away. Records still images at 2 megapixel resolution or full motion video at 30 FPS. Videos are saved in the AVI file format.



#SWSW3610BC **\$124.95**

SURVEILLANCE VIDEO LENSES

Model #	Mount	Focal Length	Aperture	CCD Format	Maximum Angle-of-View	Remarks	SKU #	Price
Tamron								
13FG04IRSQ	CS	4mm	f/1.2	1/3-1/4"	(1/3" 88.7°-34.0°)-(1/4" 69.1°-25.9°)	Auto Iris, Infrared Coated	#TA412DCL	39.95
13FG28IRSQ	CS	2.8	f/1.2	1/3-1/4"	(1/3" 88.7°-34.0°)-(1/4" 69.1°-25.9°)	Auto Iris, Infrared, Wide Angle	#TA2812DCL	44.95
13FG08IRSQ	CS	8mm	f/1.2	1/3-1/4"	(1/3" 53.6°-4.2°)-(1/4" 40.2°-3.1°)	Auto iris, infrared	#TA812DCL	39.95
13VG20100ASS	CS	20-100mm	f/1.6	1/3-1/4"	(1/3" 53.6°-4.2°)-(1/4" 40.2°-3.1°)	Auto Iris, Varifocal, Long Range	#TA2010016DCL	134.95
Pentax								
C70223DCPS	CS	2.8 to 12mm	f/1.4	1/3"	97.4° - 24.1°	Auto Iris, Varifocal	#PE281214AIDC	47.50
C70315DCPS	CS	3.5 to 8mm	f/1.0	1/3"	91° - 35.9°	Auto Iris, Varifocal	#PE35814AIDCQ	48.95
C70804DCPS	CS	8mm	f/1.2	1/3"	94.31°	Auto Iris	#PE812AIDC	Call
C70605	CS	6.3mm to 38mm	f/1.2	1/3-1/4"	(1/3"-93.21°-35.27°)-(1/4"-68.97°-26.45°)	Auto Iris, Varifocal, Day/Night	#PE633812AI	Call
C70509DCPS	CS	5mm to 50mm	f/1.8	1/3"	96.70° - 47.04°	Auto Iris, Varifocal	#PE55018AIDCQ	65.95
Fujinon								
YV28X28LASA2L	CS	2.8-8mm	f/0.95	1/3"	(1/3" 93°)-(1/4" 68°)	Auto Iris, Varifocal, Long Cable	#FUYV28X28LAS	49.95
YV27X29LRS	CS	2.9m-8mm	f/0.95	1/3-1/4"	(1/3" 99°)-(1/4" 74°)	Auto Iris, Varifocal, Low Light	#FUYV27X29LRS	Call
YF28ASA2LB	CS	2.8mm	f/1.3	1/3-1/4"	(1/3" 51°)-(1/4" 39°)	Wide Angle, Auto Iris, Low Light	#FUYF28A2S	49.95
YV10XR4A2	CS	5-50mm	f/1.6	1/2"-1/3"-1/4"	(1/2" 95°54'-15°09')-(1/3" 72°24'-11°38') (1/4"- 54°25'-°37')	Zoom Varifocal, Low Light	#FUYV10XR4A2	89.95
Visual Gate								
VL49	CS	4-9mm	f/1.8	1/3"	33° - 25°	Varifocal Board Lens	#VIVL49	Call
Mace								
LENS-B1.78	C/CS	1.78mm	f/1.4	1/3"	Horizontal: 35.6° x 73.6°	Super Wide Angle Board Lens	#MALENSB178	Call
EverFocus								
FL-8020	C/CS	3.6mm	f/1.4	1/3"	Horizontal: 35.6° x 73.6°	Board Lens	#EVFL8020	12.95
Marshall								
VZCAM4	C/CS	3.6mm	f/1.4	1/3"	Horizontal: 35.6° x 73.6°	Pinhole Lens Kit for Camcorders	#MAVZCAM4	194.95

